

City of Sunnyvale
Ten Year Project Costs
by Project Category and Type

Project Number	Project Name	Prior Years Actual	Revised Budget 2004-05	Plan 2005-06	Plan 2006-07	Plan 2007-08	Plan 2008-09	Plan 2009-10	Plan 2010-11	Plan 2011-12	Plan 2012-13	Plan 2013-14	Plan 2014-15	Ten Year Plan Total	Project Grand Total
<div>Category: Capital Type: CDBG</div>															
825830	Murphy/Evelyn Avenues Sewer Infrastructure Improvements	0	0	215,000	0	0	0	0	0	0	0	0	0	215,000	215,000
825840	Manhole Reconditioning	0	0	311,990	0	0	0	0	0	0	0	0	0	311,990	311,990
Total		0	0	526,990	0	0	0	0	0	0	0	0	0	526,990	526,990

Note: Projects with \$0 Grand Total have budgets in the second ten years of the Twenty Year Plan.

Project Information Sheet

Project: 825830 Murphy/Evelyn Avenues Sewer Infrastructure Improvements

Category:	Capital	Type:	CDBG	Department:	Public Works
Origination Year:	2005-06	Phase:	Planning	Project Manager:	Hira Raina
Planned Completion Year:	2005-06	% Complete:	n/a	Project Coordinator:	Jim Craig
Origin:	Staff			Interdependencies:	Community Development
Element:	3 Environmental Management	Goal:	3.3B1	Fund:	110 Community Development Block Grant
Sub-Element:	3.3 Sanitary Sewer System	Neighborhood:	City Wide	Sub-Fund:	100 CDBG Fund

Project Description and Statement of Need

This project provides funding to reline or replace 1,260 lineal feet (LF) of 8"-diameter sanitary sewer main (615 LF on Murphy between Evelyn & Washington and 645 LF on Evelyn and Carroll), 51 service connections, and rebuild 8 manholes. This line has been in use for approximately 50 years and it requires constant removal of stoppages and backups on Murphy Street. Improvements will depend on engineering evaluation of corrective measures for the main and the numerous service laterals during the design process. Design consideration will be given to minimize disruptions to local businesses and traffic in the Downtown area. This project is eligible for CDBG funding due to the number of low and very low income households located in the area. This project funds engineering design, construction, and project administration costs.

Design costs are \$30,000 with construction estimated at \$152,000. The remaining funds are for project administration and contingencies. The cost to rebuild manholes is estimated to be approximately \$5,000 per manhole and the cost for the sanitary sewer main (including laterals) is estimated at \$90 per LF. The completed work has an expected life of 50 years.

Service Level

The project will preserve the City's investment in its infrastructure, and prevent problems that would be inconvenient, costly, and unsanitary.

Issues

none

Project Financial Summary

Financial Data	Prior Actual	Budget 2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	10 Year Budget	Grand Total
Project Costs	0	0	215,000	0	0	0	0	0	0	0	0	0	215,000	215,000
Revenues														
CDBG		0	215,000	0	0	0	0	0	0	0	0	0	215,000	
Total	0	0	215,000	0	0	0	0	0	0	0	0	0	215,000	215,000
Transfers-In														
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Operating Costs	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Project Information Sheet

Project: 825840 Manhole Reconditioning

Category:	Capital	Type:	CDBG	Department:	Public Works
Origination Year:	2005-06	Phase:	Planning	Project Manager:	Hira Raina
Planned Completion Year:	2005-06	% Complete:	n/a	Project Coordinator:	Jim Craig
Origin:	Staff			Interdependencies:	Community Development
Element:	3 Environmental Management	Goal:	3.3B1	Fund:	110 Community Development Block Grant
Sub-Element:	3.3 Sanitary Sewer System	Neighborhood:	City Wide	Sub-Fund:	100 CDBG Fund

Project Description and Statement of Need

This project provides funding to recondition 34 manholes in the area limited by Mathilda, Washington, Sunset & Evelyn. These manholes were built mainly of brick, and the reconditioning is necessary to stop them from crumbling and plugging the sewer system. These manholes are old, and have deteriorated in the corrosive environment they are exposed to. Repairs will include improving the manholes' structural integrity, removing old steel stairways no longer in use, and providing new interior coatings that will minimize the effects of the harsh environment. The only alternative is complete replacement of the manholes, which would be done at 2 to 3 times the cost if complete collapse should occur. This project is eligible for CDBG funding due to the number of low and very low income households located in the area. This project funds engineering design, construction, and project administration costs.

The design cost is estimated at \$40,500 and construction costs are estimated at \$6,500 per manhole for a construction total of \$225,000. The remaining funds are for project administration and contingencies. The unit cost for manhole reconstruction is higher than unit costs for manholes built in conjunction with sewer main improvements due to flow diversion costs. The expected useful life is 50 years.

Service Level

The project will preserve the City's investment in its infrastructure, and prevent problems that would be inconvenient, costly, and unsanitary.

Issues

none

Project Financial Summary

Financial Data	Prior Actual	Budget 2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	10 Year Budget	Grand Total
Project Costs	0	0	311,990	0	0	0	0	0	0	0	0	0	311,990	311,990
Revenues														
CDBG		0	311,990	0	0	0	0	0	0	0	0	0	311,990	
Total	0	0	311,990	0	0	0	0	0	0	0	0	0	311,990	311,990
Transfers-In														
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Operating Costs	0	0	0	0	0	0	0	0	0	0	0	0	0	0